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support in the original claims, and at least on pages 2 and 3 of the specification where the amplification step is described. Independent claims 26, 28, 38, and 43 involve strand displacement amplification primed by two or more strand displacement primers. Dependent claims 27, 29, 39, and 44 require priming by two strand displacement primers. Support for claims 26-29, 38, 39, 43, and 44 can be found at least in the original claims, where use of multiple primers is recited, and on page 18, lines 3-8, where pairs of primers are described.

New claim 32 is based on original claim 7 but recites that the method does not include thermal cycling. Support for claim 32 can be found at least in original claim 7 and on page 3, lines 16-20, where the lack of a need for thermal cycling is described. New claims 40 and 41 are based on original claims 15 and 16, respectively, and find support at least in those original claims.

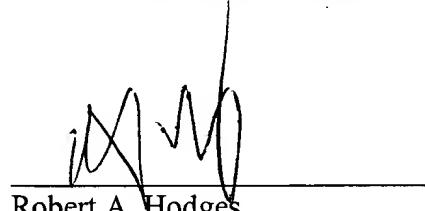
New claims 45-47 are based on original claim 22. New claims 45-47 find support at least in original claim 22, and on page 26, lines 1-2, where kits are described, on page 18, lines 14-19, where sequence in a strand displacement primer that matches sequence in a terminal repeat circle is described, and on page 15, lines 2-5, where strand displacement primers having sequence complementary to sequence in the repeat unit of an artificial long terminal repeat is described.

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A check in the amount of \$40.00, representing the fee for a small entity under 37 C.F.R. § 1.16(b), is enclosed. This amount is believed to be correct; however, the Commissioner is hereby authorized to charge any required fees to Deposit Account No. 14-0629.

Respectfully submitted,

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Jason Sykes

Date

8/27/01